



## (57)Abstract:

**PURPOSE:** To obtain a miniature  $\pi$  LC filter and an array thereof, having a high productivity and requiring a less mounting cost, that reduce the number of components in the installation in equipment, simplify routing of wires on circuit boards for downsizing of equipment, and are free from cracking and characteristic variation during the manufacture thereof.

**CONSTITUTION:** A  $\pi$  LC filter is formed as follows: A laminated chip capacitor 12 is integrated with a laminate chip inductor 11 through adhesive 13 of thermosetting resin or glass paste, with the top of the chip capacitor 12 mated with the bottom of the chip inductor 11. A first external electrode 21 is electrically connected with a third external electrode 33; a second external electrode 22 is electrically connected with a fourth external electrode 34.

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**(54) NOISE FILTER**